

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/051453

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/24 G11B7/005 G11B7/135 G11B7/13 G11B7/24
G06K19/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 02, 28 February 1997 (1997-02-28) & JP 08 272923 A (TOPPAN PRINTING CO LTD), 18 October 1996 (1996-10-18) abstract	1-10
X	US 4 325 135 A (DIL ET AL) 13 April 1982 (1982-04-13) column 20, line 8 - line 49; figure 20	11
A	US 5 392 271 A (MATSUI ET AL) 21 February 1995 (1995-02-21) abstract	11,12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *E* earlier document but published on or after the International filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

8 April 2005

Date of mailing of the international search report

15/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 008, no. 275 (P-321), 15 December 1984 (1984-12-15) & JP 59 142758 A (SUWA SEIKOSHA KK), 16 August 1984 (1984-08-16) abstract</p> <p>-----</p>	11,12

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Information on patent family members

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